

RESEARCH

PATENT SPECIFICATION

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Application Date: May 16, 1944.

No. 9392/44.

Complete Specification Accepted: Aug. 7, 1946.

COMPLETE SPECIFICATION

Improvements in Devices for Peeling Vegetables and Fruit

I, MARIE NORA COLLENETTE (Married Woman), of 7, Fairways, Dyke Road, Brighton, in the County of Sussex, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The invention relates to devices for peeling such classes of vegetables as potatoes, as well as certain classes of fruit such as apples, the invention being concerned with devices of the kind comprising a blade of channel shape in cross-section having an outwardly projecting part or outwardly displaced portion which is sharpened to form a cutting edge. As devices of this kind are used mainly for the peeling of potatoes, they will, for convenience of description, be referred to hereinafter as potato peelers.

In the conventional form of potato peeler of the kind in question, the blade extends in a straight line longitudinally, and the cutting edge of the outwardly projecting part or outwardly displaced portion extends likewise in a straight line.

Potatoes are of spheroidal form. Hence when peeled with the aid of the existing type of potato peeler having a straight cutting edge, the paring is comparatively narrow under ordinary conditions. Experience shows that by increasing the pressure on the cutting edge, a wider paring results, but this is obtained at the expense of speed as it results in a great slowing up of the peeling operation, which more than cancels out any advantage. In point of fact peelers of the kind with which the present invention is concerned, are deliberately designed so that the paring shall be as thin as possible so as not only to avoid waste but also to enable the peeling operation to be carried out expeditiously.

In order to enable a cut wider than normal to be made with consequent saving of time, and this without causing extra waste, it has been suggested to provide a blade-holder adapted to hold a detachable flexible sheet-form blade in such a manner that the blade when fixed in the

holder is bowed so that a concave surface of the blade and a concave cutting edge are presented to the convex surface of the potato to be peeled.

The object of the present invention is to improve upon such a construction as the last-mentioned and provide a potato peeler which whilst at least equally efficient is at the same time simpler in form and adapted to be more cheaply produced.

According to the invention, a potato peeler comprises a blade of channel shape in cross-section having an outwardly projecting part or outwardly displaced portion which is sharpened to form a cutting edge, wherein the blade and the cutting edge are curved so that a concave surface of the blade and a concave cutting edge are presented to the convex surface of the potato to be peeled.

In order that the invention may be more readily understood reference is now made to the accompanying drawing which illustrates a potato peeler embodying the invention, and in which:—

Figure 1 is a side elevational view; 80
Figure 2 is a plan view and
Figure 3 is a cross-section on the line 3—3 of Figure 2.

The peeler illustrated consists of a blade 4, preferably of stainless steel, suitably secured to a handle 5. The blade is of channel shape in cross-section. In the embodiment which is given by way of example, the cross-section conforms substantially to that of a V as best indicated in Figure 3, so that the blade has two flanks 6 and 7 spaced apart at their upper edges and merging together at the base 8 of the channel.

In the locality of the base 8 of the channel the blade has two spaced slits 9 which extend cross-view of the blade and extend into the flank 6, these slits being joined by a longitudinal slit 10 in the flank 6. The metal between the slits 9 is displaced outwardly of the flank 6 so that its free edge projects beyond the outer surface of this flank, thereby forming a gap or mouth 11 for the passage of the parings, the said free edge being sharpened as indicated at 12 to form a

[Price 1/-]

cutting edge.

For a length conforming substantially to the length of the cutting edge 12, the blade 4 is curved upwardly when viewed 5 in side elevation as best indicated in Figure 1, and the cutting edge is curved in conformity with the curvature of the blade so that the gap or mouth 11 is of equal width throughout its length.

10 The device is used by pressing the cutting edge 12 against the surface of the potato while moving the device along the potato and it will be seen that by reason of the curvature of the blade and cutting 15 edge there is presented to the convex surface of the potato a concave surface of the blade and a concave cutting edge which together enable the potato to be peeled more quickly than with the conventional form of peeler and with no 20 more than the normal amount of waste.

The forward end of the blade 4 may be chamfered as indicated at 13 so as to form a point 14 which provides means for 25 picking out eyes and blemishes in the potato.

While in the embodiments described and illustrated the blade is of V cross-section it will be understood that it may 30 be of other channel section, as for instance

substantially semi-circular.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A potato peeler comprising a blade of channel shape in cross-section having an outwardly projecting part or outwardly displaced portion which is 40 sharpened to form a cutting edge, wherein the blade and the cutting edge are curved so that a concave surface of the blade and a concave cutting edge are presented to the convex surface of the 45 potato to be peeled.

2. A potato peeler according to claim 1, wherein the curvature extends for a length conforming substantially to the length of the cutting edge. 50

3. A potato peeler constructed substantially as hereinbefore described with reference to the accompanying drawing.

Dated this 16th day of May, 1944.

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Leamington Spa: Printed for His Majesty's Stationery Office, by the Courier Press.—1946. Published at The Patent Office, 25, Southampton Buildings, London, W.C.2, from which copies, price 1s. 0d. each (inland) 1s. 1d. (abroad) may be obtained.

[This Drawing is a reproduction of the Original on a reduced scale.]

FIG. 1.

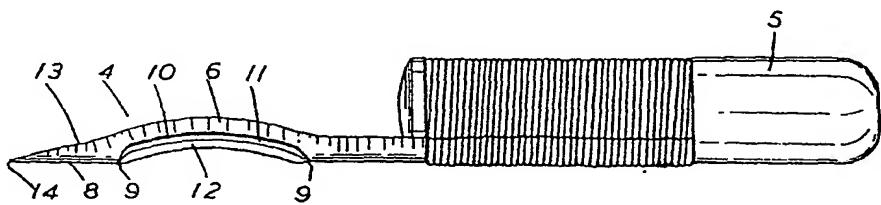


FIG. 2.

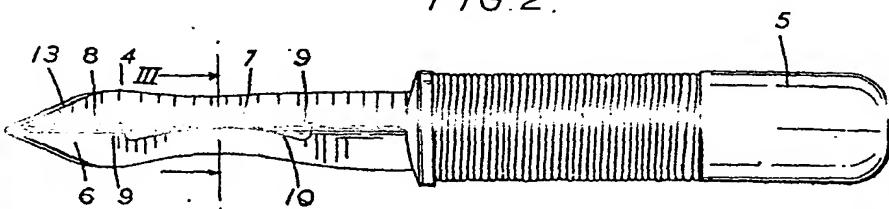


FIG. 3.

